

RECERTIFICATION-BASIC EMERGENCY MEDICAL TECHNICIAN COURSE

Fall Course, 2015

INSTRUCTOR/COORDINATOR: DIANE BATTERSON MEDICAL DIRECTOR: GALE R. BURSTEIN, MD

REQUIRED TEXT: BRADY EMERGENCY CARE, 13TH EDITION

CLASS TIMES-8:00AM-4:00PM, SOME CLASSES 8:00AM-5:00PM

ONLINE REQUIREMENTS

Assignment of ICS 100, 700 and Hazardous Materials Awareness
AWR 150 (done online, all three certificates due by 10/24/15)

Date		Topic	Hours	Topic Details
		Section 1 -Preparatory		
1	08/29/15	NY S Paperwork, E.M.T. Class Policies	1:00	NY S Student App., ADA, Learning Contract, Class Policies
		Intro to Emergency Medical Services, Recertification Written Examination	1:30	EMS Systems, Hx of EMS, Roles/Responsibilities, QA/QI, Patient Safety
		Medical/Legal, Ethical, Confidentiality Issues, DNR/MOLST	1:00	Consent/Refusal of Care, Confidentiality, Advanced Directives, Tort/Criminal Actions, Evidence Preservation, Statutory Responsibilities, Mandatory Reporting, Ethical Principals, Moral Obligations
		Challenge Practical Skills Exam	3:00	NY S Challenge Practical Skills Exam
1a		Challenge Practical Skills Exam	3:00	
2		Workforce Safety and Wellness, Bloodborne Pathogens	1:00	Standard Safety Precautions, PPE, Stress Management, Prevention of work related injuries, Disease Transmission, Wellness Principals
		Hazardous Materials Awareness	1:00	Hazard Identification and NRG Book, Secure the Scene, Upwind/Uphill Concept
		The Human Body	2:30	Anatomy, Human System Function, pathophysiology
3	09/05/15	Life Span Development	1:30	Human Development as related to assessment and management of patients
4		Baseline Vital Signs, S.A.M.P.I.E.	2:00	Pulse Rate, Respiratory Rate, Blood Pressure, Skin Color/Temp., Pupil Reaction, Monitoring Equipment: Pulse Oximetry, Non-Invasive Blood Pressure Monitor

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		Lifting and Moving Patients	1:30	Lifting and Moving Patients
5	09/12/15	Documentation and NYS PCR	1:00	Principles of medical documentation, medical terminology and report writing, NYS PCR
	8am/5pm	<u>Evaluation</u> – Preparatory Section	1:00	Evaluation of Preparatory materials
6		BLS Healthcare Provider CPR, Evaluation CPR Practical Skills Exam	4:00	
7		Effective CPR “ <i>on the move!</i> ” and Written Exam	1:30	
		Emergency Medical Dispatch & 9-1-1 System	1:00	Team Communications and dynamics, Therapeutic Communications
8	09/19/15	Erie County EMS Communications & the M.E.R.S. System	2:30	Local EMS Communication System, Communication w/ other healthcare professionals,
		Section 2 - Pharmacology		
9	8am/5pm	Principles of Pharmacology	4:00	Fundamental review of medications an EMT may assist or administer during patient care, medication Safety, Drug Names, Drug Actions, Routes of Administration, Dosage, Side Effects, Indications, Contraindications
10		Administering Medications & Assisting Patients with Medications, A.L.S. assist, Blood Glucose, etc.	2:00	Epi Pens, Nitro, Aspirin, Oral Glucose, Albuterol, Emergency Inhaler, Glucose Monitoring
		Section 3 - Patient Assessment		
11	09/26/15	Scene Size-Up	1:30	Impact of Environment on patient care, address hazards, violence, specialized resources, standard precautions and multiple patient situations
		Primary Assessment	2:00	General impression, Level of Con. (AVPU), ABC's, Identify Life Threats, Assess Vital Functions, Procedures to Preserve Life
12		History Taking, History Taking Scenarios	2:00	Determine Chief Complaint/Mechanism of Injury, Past Medical History, Signs/Symptoms, Pertinent Negatives

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		Secondary Assessment	2:00	Systems: Respiratory, Cardiac, Neurologic, Musculoskeletal and Anatomical Regions
13	10/03/15	Practical Lab – Patient Assessment; Primary Assessment, History Taking, Secondary	3:00	
14		<u>Evaluations</u> – Patient Assessment, Practical Skills	2:30	
		Patient Assessment, Written	2:00	
		Section 4 - Airway Management		
15	10/10/15	Airway Management Lecture	4:00	Anatomy of Respiratory System, Physiology and Pathophysiology of breathing, Assessment of adequate/inadequate ventilation, Maintaining Airway, Mechanical/Artificial Ventilation, Oxygen administration
16		Practical Skills Lab – Airway: oral and nasal, oxygen admin.: partial & non-rebreather face mask, nasal cannula, Venturi mask, BVM, mouth-to-mask w/ oxygen, suctioning, humidified oxygen, CPAP, demand valve	3:30	Review of devices specified in the schedule.
17	10/17/15	Practical Lab – Airway Skills	3:00	Practice with devices listed. (**except CPAP)
18		<u>Evaluations</u> – Airway Management Practical Skills	2:30	Practice with devices listed above.
		Airway Management, Written	2:00	
		Section 5 - Shock & Resuscitation		
19	10/24/15	Shock & Hypoperfusion, BLS Resuscitation	4:00	
20		Practical Skills Lab – Sections 1,2,3,4, and 5	3:30	
21	10/31/15	<u>Evaluations</u> – Scenario Testing - Skills Sections 1,2,3,4, and 5 both Written and Practical Skills Testing	3:00	MANDATORY EXAM-MIDTERM
		Section 6 - Medical		

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22		Medical Overview	1:00	Pathophysiology, Assessment and Management of Medical Complaints, Transportation Decision/Made, Destination Decision
		Respiratory Emergencies	3:30	Pathophysiology of Respiratory Emergencies, Physical Findings, Interventions
23	11/02/15	Cardiovascular Emergencies	3:00	Pathophysiology of Cardiovascular Emergencies, Physical Findings, Interventions
24	8am/5pm	Stroke / Transient Ischemic Attack (TIA)	2:00	Pathophysiology of Stroke Emergencies, Physical Findings, Interventions
25		Neurological / Behavioral / Endocrine Emergencies / Seizures / Altered Mental Status / Allergic reaction	3:30	Pathophysiology of the listed Emergencies, Physical Findings, Interventions
26	11/14/15	Hematological & Gastrointestinal & Renal Emergencies	4:00	Pathophysiology of the listed Emergencies, Physical Findings, Interventions
27		Toxicology & Immunological Emergencies	3:30	Pathophysiology of the listed Emergencies, Physical Findings, Interventions
28	11/21/15	Gynecological, Obstetrical & Neonatal Emergencies with Emergency Childbirth Skills Lab	4:00	Pathophysiology, Physical Findings, Interventions for OB/GYN/Childbirth Emergencies, Sexual Assault
29		<u>Evaluation</u> – Medical Emergencies Practical Skills Sect. 6	2:00	
		Medical Emergencies Written Evaluation	1:30	
		Section 7 - Trauma		
30	11/28/15	Trauma Overview / Bleeding / Soft Tissue Injuries	2:00	Trauma Score, Rapid Transport/Destination Determination, Bleeding, Bleeding Control
		Abdomen & Genitourinary Trauma / Environmental	2:00	Pathophysiology of injuries to the Abdomen, Genitalia and Environmental Emergencies, Physical Findings, Interventions
31		Orthopedic Injuries & Practical Lab	3:30	Pathophysiology of injuries to the upper / lower extremities, Physical Findings, Interventions
32	12/05/15	Face & Neck / Chest / Head & Spine Injuries	3:00	Pathophysiology of injuries to the head, face, neck and spine, Physical Findings, Interventions

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33	8am/5pm	Head & Spine Injuries, Head & Spine Practical Lab	3:00	
34		Practical Skills Lab, Section 7 Trauma	2:30	
35	12/12/15	Trauma Emergencies Practical Skills	2:00	
		Trauma Emergencies Written Evaluation	1:00	
		<i>Section 8 - Special Patient Populations</i>		
36	8am/5pm	Pediatric / Neonatal / Geriatric Emergencies / Patients with Special Needs / Review OB GYN	2:30	Pathophysiology, Assessment and management of trauma for the pregnant, pediatric, geriatric and cognitively impaired patient
37		<u>Evaluation</u> – Special Populations Practical Skills / Special Population Written Evaluation	3:00	
		<i>Section 9 - EMS Operations</i>		
38	12/19/15	Incident Management / Multiple Casualty Incidents (MCI) / Ground Ambulance Operation	3:00	Review Integration of Operation (ICS), Triage, Patient Destination during MCI, Ambulance operation, V&T Law
39	8am/5pm	Terrorism / Vehicle Extrication / HazMat	2:30	WMD Response, Force Protection, Vehicle Extrication, HazMat Review
40		Special Rescue	1:00	
		Air Medical	1:00	
41		Extrication Scenarios Practical Lab	1:00	
42	01/02/16	<u>Evaluation</u> – EMS Operations Practical Scenarios / EMS Operations Written Evaluation	2:00	
43	8am/5pm	Scenario Reviews	2:00	
		<i>Final Evaluations</i>		
44		Scenario Review & Testing	1:30	
45		Final Written Examination	3:00	MANDATORY EXAM
		<i>New York State E.M.S. Evaluations</i>		
46	01/09/16	NYS Final Practical Skills Exam – Part I	4:00	
47		NYS Final Practical Skills Exam – Part II	3:30	

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48	01/16/16	Mandatory Review / NYS Final Practical Skills Exam	3:00	
49	01/23/16	NYS Final Written Certification Examination	3:00	MUST BE AT THE ECFTA AT 6:15 PM

Sessions that are highlighted are required sessions for all Recertification Students

ONLINE REQUIREMENTS

Assignment of ICS 100, 700 and Hazardous Materials Awareness
A W/R-160 (done online, all three certificates due by 10/24/15)

Attendance is mandatory for all sessions indicated in the individual Recertification Learning Contract.

*** YOU MUST PURCHASE THE TEXT WITH AN ISBN NUMBER OF CODE PACKAGE.